

## 9-1 Solid Figures

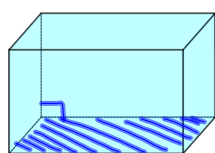
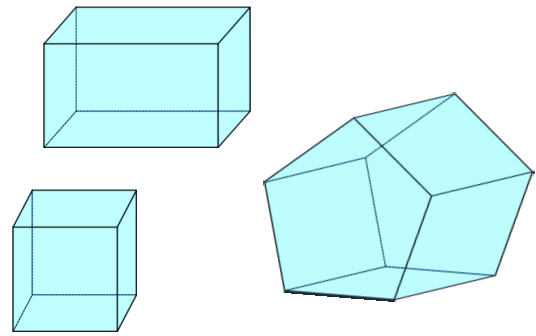
Solids, or solid figures are three dimensional shapes

Polyhedron--solid formed by polygons

Examples: prisms, pyramids, cubes

Not examples: cylinders, cones, spheres

### Prisms



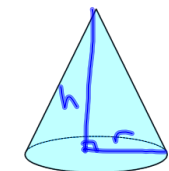
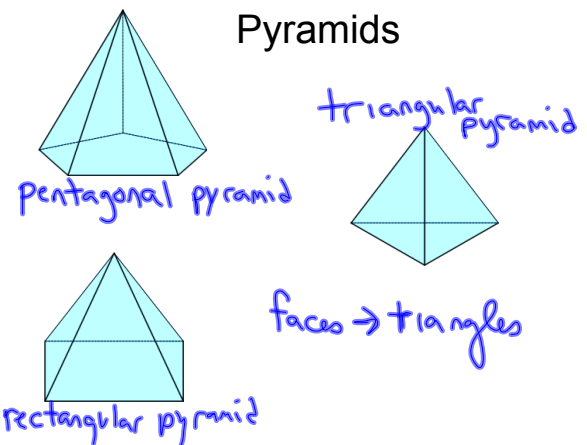
Bases--the congruent polygons in the parallel planes

Faces--the other surfaces that are not the bases

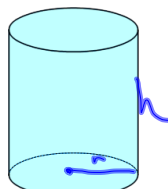
Edges--segments that join the vertices

Right Prism (solids)--height is perpendicular to the bases

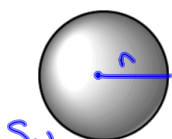
### Pyramids



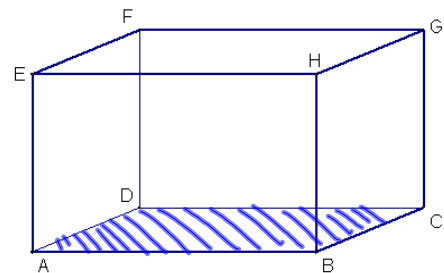
cone



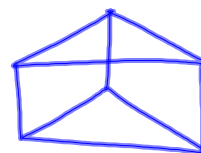
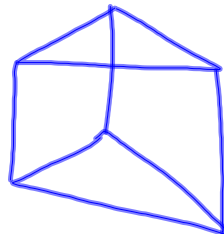
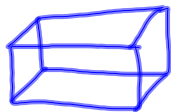
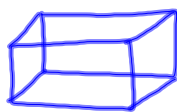
cylinder



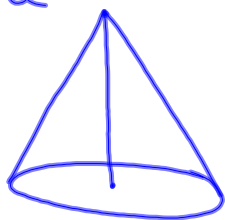
Sphere



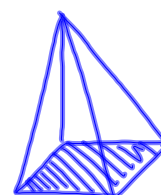
Practice Drawing



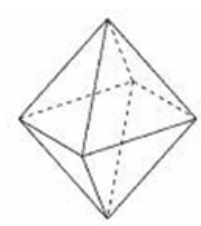
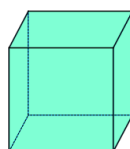
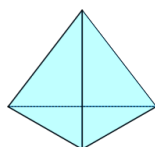
Cone



Pyramid



Platonic Solids

all the faces are congruent,  
regular polygons

Assignment:

p476--478

1-12, 16-30, 33-35, 46-51

Attachments

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images[4].jpe